

ESF-12

ENERGY AND UTILITIES

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ENERGY AND UTILITIES

PRIMARY AGENCIES: City Utilities
Ozark Electric
Public Water Supply District #1 (PWSD #1)

SUPPORT AGENCIES: City of Battlefield
Springfield-Greene County Office of Emergency Management

I. PURPOSE

Procedurally coordinate the restoration and response activities of energy systems and the provisions of emergency power as necessary and available during times of emergency and declared disaster.

II. SITUATION AND ASSUMPTIONS

A. Situation

1. In the City of Battlefield, electric service is supplied by Ozark Electric and City Utilities. Natural Gas service is provided by City Utilities of Springfield. Propane service is supplied by independently contracted liquefied petroleum gas (LPG) providers. Public water is provided by Public Water Supply District #1.
2. The City of Battlefield is subject to many types of hazards (**see Hazard Mitigation Plan**). Public Works and energy providers could become involved in any of these and could be asked to perform any of a large number of assignments.
3. The residents of Battlefield are served by two different energy companies (**see Appendix 4**).
4. Private resources are available in the region to assist in utilities activities.
5. Outside resources are available to assist should all local resources become committed.

B. Assumptions

1. Local utility companies will not have adequate resources to cope with a major catastrophic disaster.
2. Local private resources should be adequate to supplement public resources.
3. Local utility companies have mutual aid agreements with other utility companies that will respond when called upon to do so.
4. State and federal assistance will respond when called upon.
5. When a disaster occurs, all equipment and personnel will be available for response.

III. CONCEPT OF OPERATIONS

A. General

During a classified emergency as addressed in the Basic Plan, each energy supplier, if possible, will designate a Liaison to the EOC to coordinate activities with the site incident command post.

B. Actions to be Taken by Operational Time Frames

1. Mitigation

- a. With the potential hazards (**see Hazard Mitigation Plan**) that could affect the City of Battlefield, review:
 - Special procedures that need to be developed.
 - Mutual aid agreements with other utility companies.
 - Vulnerabilities in the energy system.

2. Preparedness

- a. When advised of a potential hazard, check status of:
 - Personnel
 - Equipment
 - Supplies
 - Facilities
- b. Train personnel in emergency procedures.
- c. Review all other ESFs of this plan to clarify roles.
- d. Maintain emergency procedures to include, but not limited to, the following:
 - Call-up lists
 - Emergency energy service to critical facilities
 - Restoration of normal energy utilities
 - Support to other agencies
- e. Maintain contact with private resources that could provide support during an emergency.
- f. Recommend local actions on fuel conservation.
- g. Participate in drills, tests, and exercises to include critique and follow-up actions.

3. Response

- a. Activate call-up plans
- b. Establish contact with the EOC.
- c. Ensure protection of all personnel and equipment.
- d. Maintain increased readiness status until the situation escalates or stand-down is given.
- e. Provide support on a priority basis as determined by the EOC or the Incident Commander.
- f. Restore utility service to critical facilities as required.
- g. Restore utility service to facilitate emergency operations.
- h. Survey damage to infrastructure and facilities and report to the EOC.

- i. Make recommendations to the EOC on:
 - Priority of repairs
 - Outside assistance required
 - j. Assist local agencies in obtaining fuel for transportation and emergency operations.
 - k. Assist in estimating the total population exposed to the emergency.
 - l. Coordinate with the EOC and report information regarding:
 - Electric generating capacity
 - Expected electric peak load
 - Geographic areas and number of customers that are expected to be impacted
 - Status of major facility outages such as generating stations and treatment plants
 - Expected duration of event
 - m. Monitor available water supplies
 - n. Monitor water contamination in disaster affected areas and estimate needs and quantities. Coordinate this information with the Greene County Health Department.
4. **Recovery**
- a. Coordinate repairs by outside agencies.
 - b. Support decontamination, if necessary.
 - c. Participate in after-action reports and critiques.
 - d. Make necessary changes in plans and procedures.
 - e. Recommend changes in planning, zoning, and building codes to mitigate future disasters.
 - f. Continue monitoring water supplies.

IV. ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES

A. Primary Agencies:

City Utilities Ozark Electric

- 1. Responsibilities for coordination include restoration of the natural gas, electric, water, and telephone utilities services to their customers.
- 2. Monitor the procedures followed by individual energy providers during energy generating capacity shortages or outages to ensure consistent action and communication.
- 3. In the event of a shortage of automotive transportation fuels or fuels needed for other industrial purposes, coordinate with industry groups and associations to obtain needed fuel supplies.
- 4. A representative from the affected energy company(s) will act as the Energy Liaison for the City of Battlefield.
- 5. Provide systems information to the EOC.

Public Water Supply District #1

1. Provide potable water as applicable, including a means of transferring potable water from facilities connections to transport vehicles for field distribution.
2. Provide water distribution system information to EOC as applicable.

B. Support Agency

City of Battlefield

1. Maintain EOC readiness in the event of a disaster involving the use of this ESF.
2. Provide “hotlines” in conjunction with Public Information (**ESF-15**) to assist with gathering information to provide to this ESF. OEM can assist with “hotlines” if requested by the City of Battlefield.
3. Coordinate with all Primary and Support Agencies to ensure they have all appropriate and needed resources.

Office of Emergency Management

1. The OEM will participate as a support agency of the City of Battlefield becomes overwhelmed by the size or complexity of the event and at the request of the city.
2. OEM can activate the Phone Bank to provide assistance with “hotlines” at the request of the city.

C. State Support Agencies:

Missouri Public Service Commission

Monitor and regulate energy related resource issues.

Missouri State Attorney General

Monitor energy related issues to include price fixing or gouging.

D. Federal Support Agency

U.S. Department of Energy

Serve as a focal point for issues and policy decisions relating to energy in all response and restoration efforts.

V. DIRECTION AND CONTROL

- A.** Representatives of other energy providers will act as liaisons to the Battlefield EOC, if needed. The representative(s) will maintain updates and direction through contact between the EOC and the other energy control centers.
- B.** Outside resources will be under the direct control of the agency supervisors, but will be deployed by the EOC and controlled by the incident commander.

VI. CONTINUITY OF OPERATIONS

The key purpose of Continuity of Operations planning is to provide a framework for the continued operation of critical functions. When implemented, these plans will determine response, recovery, resumption, and restoration of Department/Agency services.

COOP Plans for the Departments/Agencies present a manageable framework, establish operational procedures to sustain essential activities if normal operations are not feasible, and guide the restoration of the critical functions of the Department/Agencies functions. The plan provides for attaining operational capability within 12 hours and sustaining operations for 30 days or longer in the event of a catastrophic event or an emergency affecting the department.

VII. ADMINISTRATION AND LOGISTICS

A. Administration

Resources for this function will be requested through Resource Management (ESF-7).

B. Logistics

Emergency supplies should be procured through normal procurement channels when possible. If normal channels are inappropriate and procurement is made direct, adequate records should be kept.

VIII. ESF DEVELOPMENT AND MAINTENANCE

It is the responsibility of the City of Battlefield in coordination with the Springfield-Greene County Office of Emergency Management and the Energy Liaison to support the maintenance of this ESF. Energy providers will participate in regularly conducted drills and exercises and incorporate the results into the ESF.

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ENERGY

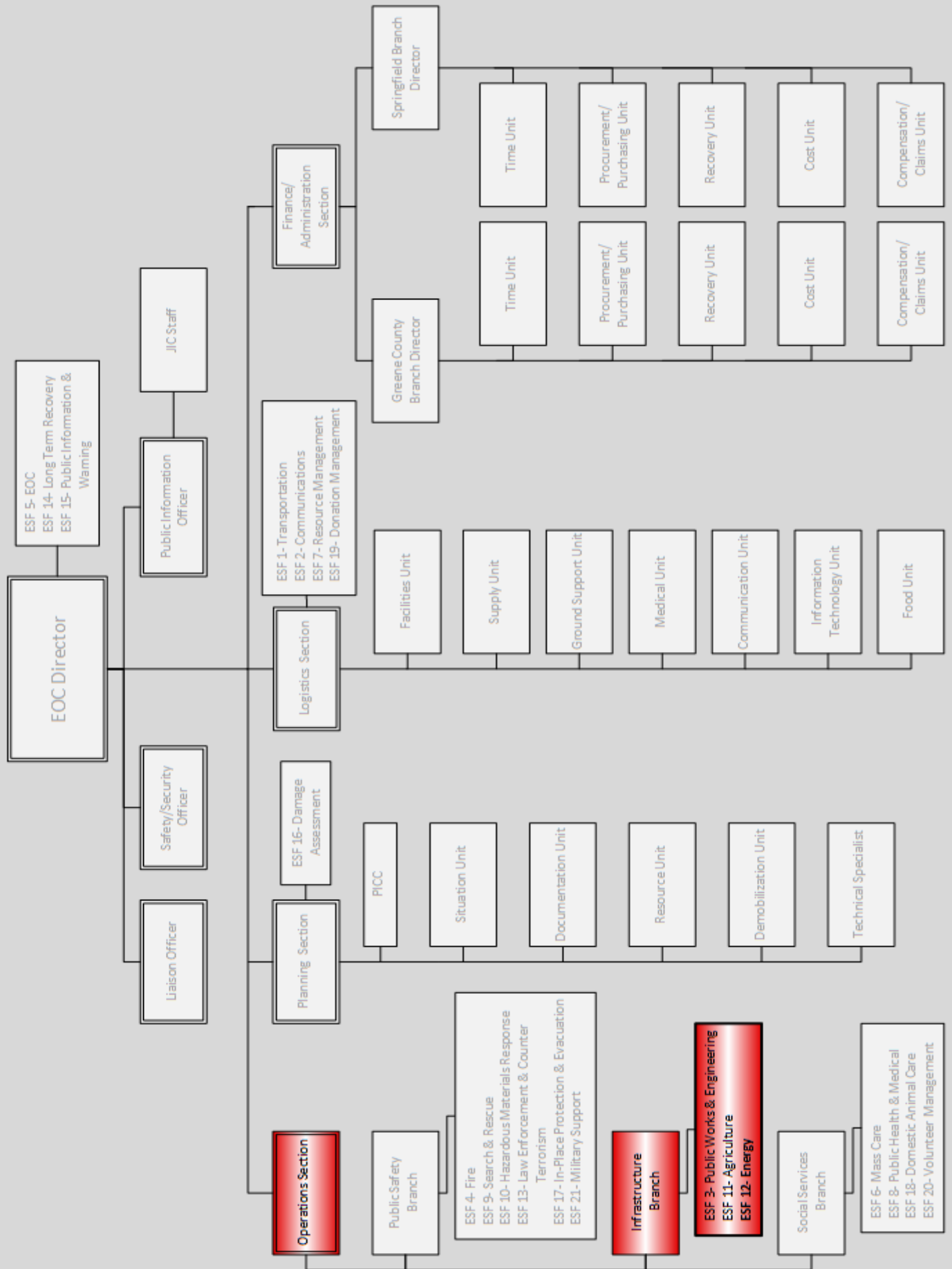
APPENDICIES

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APPENDIX 1

This is a restricted document

APPENDIX 2 ORGANIZATIONAL CHART



APPENDIX 3

SOP FOR EMERGENCY REPAIRS

- I. Each utility will have its own specialized priorities for emergency repairs. Part B below consists of general guidelines for such repairs following a disaster.
- II. Guidelines:
 - A. Restore services to facilities with special needs (hospital, nursing homes, temporary shelters, etc.).
 - B. Restore services to schools, and businesses.
 - C. Make any necessary repairs to expedite recovery.

THESE ARE GENERAL GUIDELINES. EACH DISASTER WILL HAVE A
DIFFERENT SET OF CIRCUMSTANCES AND EACH PROBLEM MUST BE
JUDGED ON A CASE-BY-CASE BASIS AND PRIORITIES ESTABLISHED AT
THAT TIME.